



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q64325

Tsugio TAKAHASHI

Appln. No.: 09/849,362

Group Art Unit: 2832

Confirmation No.: 8102

Examiner: Unknown

Filed: May 07, 2001

For: MATRIX SWITCH CIRCUIT

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith.

- Japanese Unexamined Patent Application Publication No. 60-201795, published
 October 12, 1985.
- Japanese Unexamined Patent Application Publication No. 63-272118, published
 November 9, 1988.
- Japanese Unexamined Patent Application Publication No. 7-58808, published March
 3, 1995.

Tsugio TAKAHASHI

09/849,362

INFORMATION DISCLOSURE STATEMENT

The present Information Disclosure Statement is being filed: (1) No later than three

months from the application's filing date for an application other than a continued prosecution

application (CPA) under §1.53(d); (2) Before the mailing date of the first Office Action on the

merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a

request for continued examination (RCE) under §1.114, and therefore, no Statement under

37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for

foreign language documents, Applicant encloses herewith a copy of a Japanese Office Action

dated February 18, 2003 and an English translation of the pertinent portions thereof, which cites

such documents and indicates the degree of relevance found by the foreign patent office.

The submission of the listed documents is not intended as an admission that any such

document constitutes prior art against the claims of the present application. Applicant does not

waive any right to take any action that would be appropriate to antedate or otherwise remove any

Respectfully submitted,

Bernstein

Registration No. 25,665 for

Registration No. 24,625

J. Frank Osha

listed document as a competent reference against the claims of the present application.

SUGHRUE MION, PLLC

Telephone: (202) 293-7060

Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

PATENT TRADEMARK OFFICE

Date: May 19, 2003

2

Dispatch date: February 18, 2003

Regarding Claims 1 through 10:

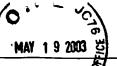
Described in Cited Literature 1 is a device that can realize a large-scale digital space switch LSI because a selector system is configured with a digital space switch and is designed to eliminate unnecessary buffer power.

Described in Cited Literature 2 is a device that is configured with an M input 1 output selector and an LSI digital space switch, and that is designed to eliminate chip area and to eliminate drive capacity.

Described in Cited Literature 3 is a device combined with a selector circuit that realizes a cross-connect to input STS1 signals.

List of Cited Literature

- 1. Japanese Unexamined Patent Application Publication S60-201795
- 2. Japanese Unexamined Patent Application Publication S63-272118
- 3. Japanese Unexamined Patent Application Publication H07-058808



Substitute for Form 1449 A & B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	1

Complete if Known				
Application Number	09/849,362			
Confirmation Number	8102			
Filing Date	May 07, 2001			
First Named Inventor	Tsugio TAKAHASHI			
Art Unit	2832			
Examiner Name	Unknown			
Attorney Docket Number	Q64325			

	U.S. PATENT DOCUMENTS						
	Cita	Document l	Number	Duklinstina Data			
	Cite No. ¹	Number	Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		
	•	US					
		US					
		US					
		US					
		US					
		US					
		US					
		US					
		US					

FOREIGN PATENT DOCUMENTS							
Examiner Cite Initials* No.1	Foreign Patent Document			Publication Date	Name of Patentee or		
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation ⁶
		JP	60-201795	A	10/12/1985	•	
		JР	63-272118	Α	11/09/1988		
		JР	7-58808	Α	03/03/1995		
	-					- C	
						N =	AT T
	•					30 37	0
						0 2	13.7
						<u> </u>	15
						= =	7.
						70 5	
						O C	
						74	

OTHER ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶	
			1	

	1	1
Examiner Signature	Date Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.